

Title (en)

Soil-less plant growing device.

Title (de)

Vorrichtung zur erdlosen Pflanzenkultur.

Title (fr)

Dispositif de culture de plantes sans terre.

Publication

EP 0036723 A1 19810930 (EN)

Application

EP 81301002 A 19810310

Priority

- JP 3686980 A 19800325
- JP 8241780 U 19800614
- JP 11600780 U 19800818
- JP 11600880 U 19800818

Abstract (en)

[origin: US4382348A] A reusable soilless plant growing device in which plants can be grown from seeds and in which, irrespective of any increase or decrease in the quantity of nutrient solution, the plants remain in contact with the solution. The peripheral portion of a porous plate is fixedly secured to a buoyant frame. The buoyancy of the porous plate and frame together are such that the porous plate is positioned at least in contact with the surface of the nutrient solution when the device is floated thereon. A hollow chamber in the frame may be filled with a highly buoyant material. The position of the porous plate relative to the surface of the nutrient solution is adjustable in several of the described embodiments.

IPC 1-7

A01G 31/00

IPC 8 full level

A01G 31/02 (2006.01)

CPC (source: EP US)

A01G 31/02 (2013.01 - EP US); **Y02P 60/21** (2015.11 - EP US)

Citation (search report)

US 4037360 A 19770726 - FARNSWORTH ROBERT S

Cited by

EP0167638A1; FR2659192A1; ES2277537A1; US8333034B2; WO2007042589A1

Designated contracting state (EPC)

DE FR IT NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 81301002 A 19810310; GB 8038704 A 19801203; US 21558480 A 19801211